

Title (en)

Device for bridging an expansion joint with coated surface

Title (de)

Vorrichtung zur Überbrückung einer Dehnfuge mit beschichteter Oberfläche

Title (fr)

Dispositif d'enjambement d'un joint de dilatation doté d'une surface revêtue

Publication

EP 2053172 A3 20111123 (DE)

Application

EP 08105663 A 20081027

Priority

DE 102007051426 A 20071025

Abstract (en)

[origin: EP2053172A2] The device (1) has two anchoring units (4) anchored with two construction parts (3) on sides of an expansion joint (2), respectively. A bridging unit (5) connects the anchoring units and bridges the expansion joint, where the device assumes an adaptive breadth depending on a changing breadth of the joint. The anchoring units and bridging unit are formed as aluminum extruded sections. The anchoring units and the bridging unit are partly made of stainless steel, brass or bronze, where a visible surface area is made of stainless steel, brass or bronze in an installation condition of the device. The bridging unit is partially made of rubber elastic material, and stainless steel, brass and/or bronze sections are connected with the extruded sections by an adhesive such as two components-epoxy resin adhesive.

IPC 8 full level

E04B 1/68 (2006.01)

CPC (source: EP)

E04B 1/6803 (2013.01)

Citation (search report)

- [X] EP 0499854 A1 19920826 - SPECIALTIES CONST [US]
- [X] FR 1500668 A 19671103 - SECOMASTIC LTD
- [X] DE 19646811 C1 19980205 - DEFLEX BAUTENTECHNIK GMBH [DE]
- [A] DE 3529877 C1 19870910 - SCHULTE STEMMERK KG

Cited by

CN114263104A; EP3680419A1; US11021869B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2053172 A2 20090429; EP 2053172 A3 20111123; EP 2053172 B1 20121128; DE 102007051426 A1 20090430; ES 2400305 T3 20130409; PL 2053172 T3 20130531

DOCDB simple family (application)

EP 08105663 A 20081027; DE 102007051426 A 20071025; ES 08105663 T 20081027; PL 08105663 T 20081027